

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	("20050167727" "5897354" "5920779" "5969397" "5981366" "6040249" "6087236" "6150266" "6245616" "6875707" "6878585" "6891215").PN.).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/03 15:35
L2	0	("20050167727" "5897354" "5920779" "5969397" "5981366" "6040249" "6087236" "6150266" "6245616" "6875707" "6878585" "6891215").PN.).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/03 15:35
L3	0	("20050167727" "5897354" "5920779" "5969397" "5981366" "6040249" "6087236" "6150266" "6245616" "6875707" "6878585" "6891215").PN.).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/03 15:35
L4	25	("20050167727" "5897354" "5920779" "5969397" "5981366" "6040249" "6087236" "6150266" "6245616" "6875707" "6878585" "6891215").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 15:35
L5	11	4 and silicon adj nitride	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 15:39
L6	6	4 and silicon adj nitride and anneal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 15:39
L7	6841098	4 and silicon adj nitride and anneal\$3 or heat\$4 or temperature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 15:39
L8	6	4 and silicon adj nitride and (anneal\$3 or heat\$4 or temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 15:40

## EAST Search History

L9	5	8 and ("N" or nitrogen) with plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 15:41
L10	4	9 and (bare or surface) with oxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 15:42
L11	117	("20030034518"   "3627598"   "4254161"   "4262631"   "4435447"   "4605447"   "4882649"   "4891684"   "4980307"   "4996081"   "5026574"   "5032545"   "5051794"   "5142438"   "5164331"   "5227651"   "5237188"   "5254489"   "5258333"   "5318924"   "5324679"   "5330920"   "5330936"   "5334554"   "5350707"   "5376593"   "5378645"   "5382533"   "5393702"   "5397748"   "5398641"   "5436481"   "5445999"   "5449631"   "5459105"   "5464792"   "5498890"   "5500380"   "5504029"   "5508542"   "5518946"   "5518958"   "5523596"   "5596218"   "5612558"   "5619057"   "5620908"   "5633036"   "5663077"   "5674788"   "5685949"   "5716864"   "5719083"   "5731235"   "5760475"   "5763922"   "5821142"   "5834372"   "5837592"   "5837598"   "5840610"   "5844771"   "5851603"   "5861651"   "5885877"   "5939750"   "5960289"   "5960302"   "5970345"   "5972783"   "5972800"   "5994749"   "5998253"   "6001748"   "6008104"   "6033998"   "6054396"   "6057220"   "6080629"   "6080682"   "6087229"   "6091109"   "6091110"   "6093661"   "6096597"   "6110780"   "6110842"   "6114203"   "6136636"   "6140187"   "6146948"   "6174821"   "6184110"   "6197701"   "6201303"   "6207532"   "6207586"   "6207985"   "6225167"   "6228701"   "6232244"   "6255703"   "6265327"   "6268296"   "6274442"   "6297162"   "6323114"   "6331492"   "6350707"   "6362085"   "6399445"   "6410991"   "6413881"   "6436771"   "6450116"   "6482690"   "6492690").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:00

## EAST Search History

L12	62	11 and nitride and plasma	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:07
L13	49	12 and nitride with oxide	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:09
L14	5	13 and anneal\$3 with (no or reduc\$3 or little or small) with diffus\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:15
L15	1	13 and anneal\$3 with (no or reduc\$3 or little or small) with (nitride or nitrogen) with diffus\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:05
L16	1048	438/275.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:05
L17	50	438/274.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:05
L18	447	438/279.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:05
L19	1193	438/301.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:05
L20	181	438/411.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:05
L21	798	438/785.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:05
L22	372	438/786.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:06
L23	841	438/264.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:06
L24	1015	438/763.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:06
L25	521	438/761.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:07
L26	324	438/762.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:07

## EAST Search History

L27	950	438/287.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:07
L28	508	438/791.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:07
L29	312	438/792.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:07
L30	295	16 and nitride and plasma	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:07
L31	345	16 and (nitride or nitrogen or "N") and plasma	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:12
L32	23	17 and (nitride or nitrogen or "N") and plasma	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:12
L33	149	18 and (nitride or nitrogen or "N") and plasma	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:12
L34	431	19 and (nitride or nitrogen or "N") and plasma	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:12
L35	65	20 and (nitride or nitrogen or "N") and plasma	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:12
L36	469	21 and (nitride or nitrogen or "N") and plasma	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:12
L37	268	22 and (nitride or nitrogen or "N") and plasma	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:12
L38	302	23 and (nitride or nitrogen or "N") and plasma	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:12
L39	572	24 and (nitride or nitrogen or "N") and plasma	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:12
L40	297	25 and (nitride or nitrogen or "N") and plasma	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:12
L41	150	26 and (nitride or nitrogen or "N") and plasma	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:13

## EAST Search History

L42	492	27 and (nitride or nitrogen or "N") and plasma	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:13
L43	328	28 and (nitride or nitrogen or "N") and plasma	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:13
L44	263	29 and (nitride or nitrogen or "N") and plasma	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:13
L45	238	31 and nitride with oxide	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:13
L46	11	32 and nitride with oxide	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:09
L47	112	33 and nitride with oxide	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:09
L48	283	34 and nitride with oxide	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:09
L49	33	35 and nitride with oxide	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:09
L50	266	36 and nitride with oxide	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:09
L51	150	37 and nitride with oxide	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:10
L52	262	38 and nitride with oxide	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:10
L53	322	39 and nitride with oxide	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:10
L54	161	40 and nitride with oxide	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:10
L55	103	41 and nitride with oxide	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:10
L56	334	42 and nitride with oxide	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:10

## EAST Search History

L57	224	43 and nitride with oxide	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:10
L58	164	44 and nitride with oxide	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:10
L59	66	44 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:11
L60	67	44 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:13
L61	345	16 and (nitride or nitrogen or "N") and plasma	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:12
L62	23	17 and (nitride or nitrogen or "N") and plasma	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:12
L63	150	18 and (nitride or nitrogen or "N") and plasma	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:12
L64	431	19 and (nitride or nitrogen or "N") and plasma	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:12
L65	65	20 and (nitride or nitrogen or "N") and plasma	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:12
L66	471	21 and (nitride or nitrogen or "N") and plasma	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:12
L67	268	22 and (nitride or nitrogen or "N") and plasma	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:12
L68	302	23 and (nitride or nitrogen or "N") and plasma	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:12
L69	573	24 and (nitride or nitrogen or "N") and plasma	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:12
L70	297	25 and (nitride or nitrogen or "N") and plasma	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:12
L71	152	26 and (nitride or nitrogen or "N") and plasma	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:13

## EAST Search History

L72	495	27 and (nitride or nitrogen or "N") and plasma	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:13
L73	332	28 and (nitride or nitrogen or "N") and plasma	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:13
L74	266	29 and (nitride or nitrogen or "N") and plasma	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:13
L75	239	61 and nitride with oxide	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:13
L76	109	61 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:14
L77	5	62 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:14
L78	43	63 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:14
L79	101	64 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:14
L80	11	65 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:14
L81	78	66 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:14
L82	57	67 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:14
L83	85	68 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:14
L84	122	69 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:14
L85	63	70 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:14
L86	51	71 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:14

## EAST Search History

L87	144	72 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:15
L88	113	73 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:15
L89	67	74 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 16:15
L90	0	76 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:17
L91	0	77 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:17
L92	0	78 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:17
L93	1	79 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:17
L94	0	80 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:18
L95	1	81 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:18
L96	0	82 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:18
L97	1	83 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:18
L98	1	84 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:18
L99	1	85 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:18



## EAST Search History

L100	1	86 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:18
L101	1	87 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:19
L102	1	88 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:19
L103	1	89 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:19
L104	0	76 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:20
L105	0	77 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:20
L106	0	78 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:20
L107	0	79 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:21
L108	0	80 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:21
L109	0	81 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:21
L110	0	82 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:21
L111	0	83 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:21
L112	0	84 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:21
L113	0	85 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:22

## EAST Search History

L114	0	86 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:22
L115	0	87 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:22
L116	0	88 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:22
L117	0	89 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 16:22